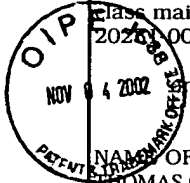


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On 25 October 2002
Date of Deposit

NAMES OF APPLICANT, ASSIGNEE, OR REG. REP
THOMAS C. STOVER 22,531

Testover 25 October 2002
SIGNATURE DATE

ATTORNEY'S DOCKET NO
AFB00500

AMENDMENT TRANSMITTAL LETTER

SERIAL NO. 09/862,788	FILING DATE 18 May 2001	EXAMINER A. Kim	GROUP ART UNIT 2876
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INVENTION
PLUME DETECTOR

INVENTOR(S)
Mark Ahmadjian et al
TO THE COMMISSIONER FOR PATENTS

Transmitted herewith is an Amendment

- ☐ Small entity status of this application under 37 CFR 1.27 has been established by a verified statement previously submitted.
- ☐ A verified statement to establish small entity status under 37 CFR 1.9 and 1.27 is enclosed.
- ☒ No additional fee is required.
- ☐ The fee has been calculated as shown below

	(1)	(2)	(3)	SMALL ENTITY	OTHER THAN A SMALL ENTITY
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE ADDIT OR FEE	RATE ADDIT FEE
TOTAL	*	MINUS **		x \$ 9 \$	x \$ 18 \$
INDEP	*	MINUS ***		x \$ 42 \$	x \$ 84 \$
FIRST PRESENTATION OF MULTIPLE DEP CLAIMS				x \$ 140 \$	x \$ 280 \$
TOTAL ADDIT. FEE				\$	OR TOTAL \$

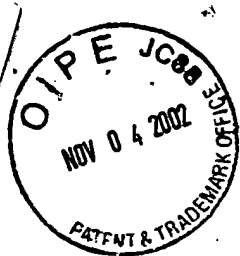
- * If the entry in Col 1 is less than the entry in Col 3 write "0" in Col 3
 ** If the Highest No Previously Paid for "IN THIS SPACE" is less than 30 enter "30"
 *** If the Highest No Previously Paid for "IN THIS SPACE" is less than 3, enter 3
 The Highest No Previously Paid For" (Total or Indep 1 is the highest number found in the appropriate box in Col 1

- ☐ Please charge my **Deposit Account No. AF 01-0465** in the amount of \$ _____.
- ☒ A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of \$ _____ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to **Deposit Account No AF 01-0465**.
- ☒ Any additional filing fees required under 37 CFR 1.16.
- ☒ Any patent application processing fees under CFR 1.17.

25 October 2002
Date

Julian L. Siegel
JULIAN L. SIEGEL
Registration No. 22,407
Intellectual Property Division

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C-111
10-25-02

Air Force Invention No. AFB00500

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On 25 October 2002
(DATE OF DEPOSIT)

Thomas C. Stover 22,531
NAME OF APPLICANT, ASSIGNEE, OR REG. REP.

5/a
S. Markley
11-14-02

Thomas C. Stover 25 October 2002
SIGNATURE DATE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of
Mark Ahmadjian et al
Serial No. 09/862,788
Filed: 18 May 2001
For: PLUME DETECTOR

Group Art Unit: 2876
Examiner: A. Kim

Honorable Commissioner for Patents
Washington D. C. 20231

Sir:

AMENDMENT

In response to the Office Action dated 29 July 2002, please amend the above-identified application as follows:

IN THE CLAIMS

Amend the following claims per the clean copy shown below, as subsequently explained by a marked-up version attached as Exhibit A.

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